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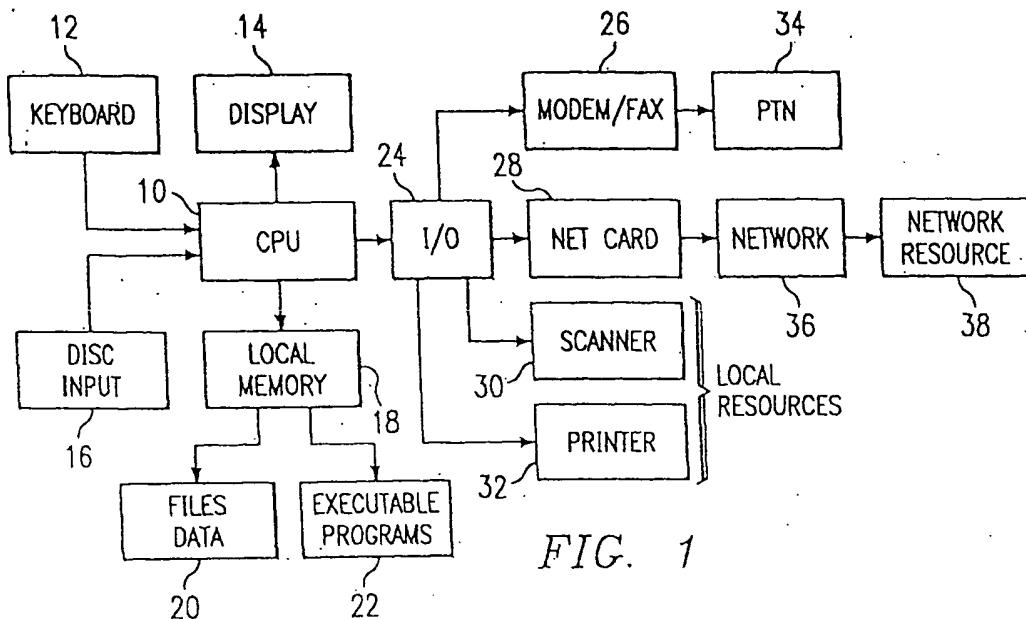


FIG. 1

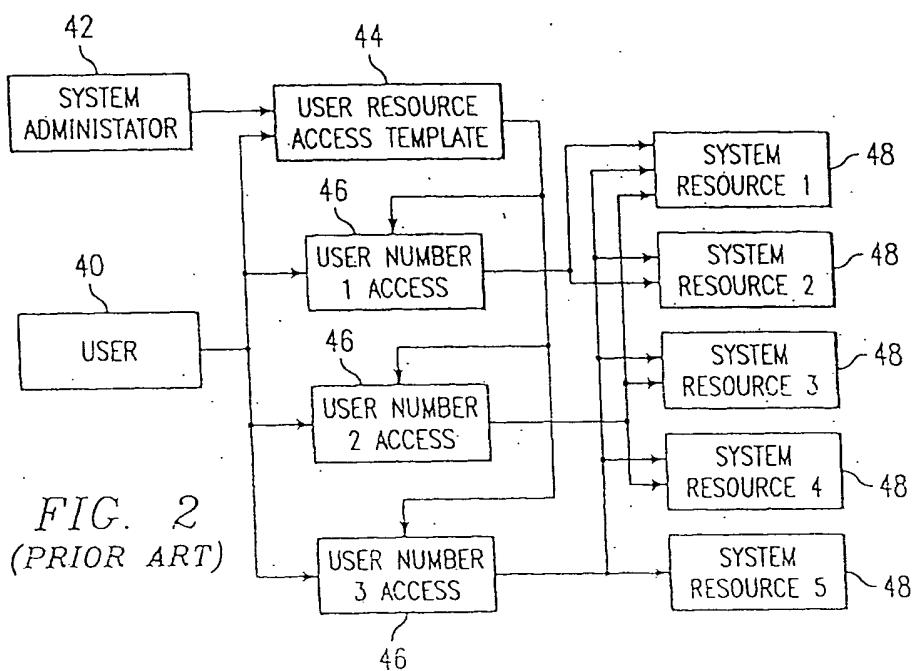


FIG. 2
(PRIOR ART)

FIG. 3

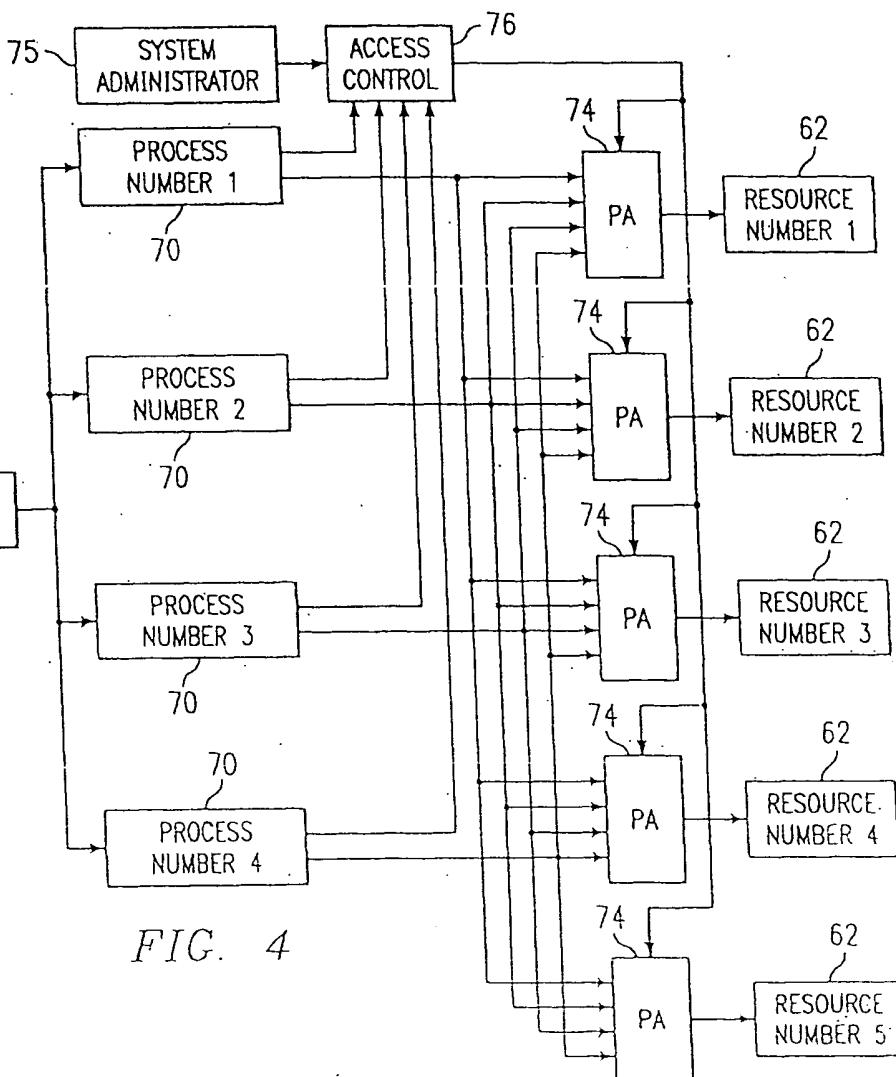
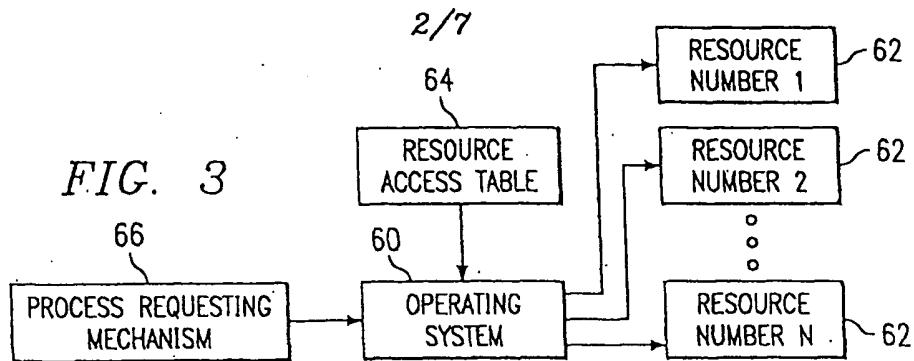
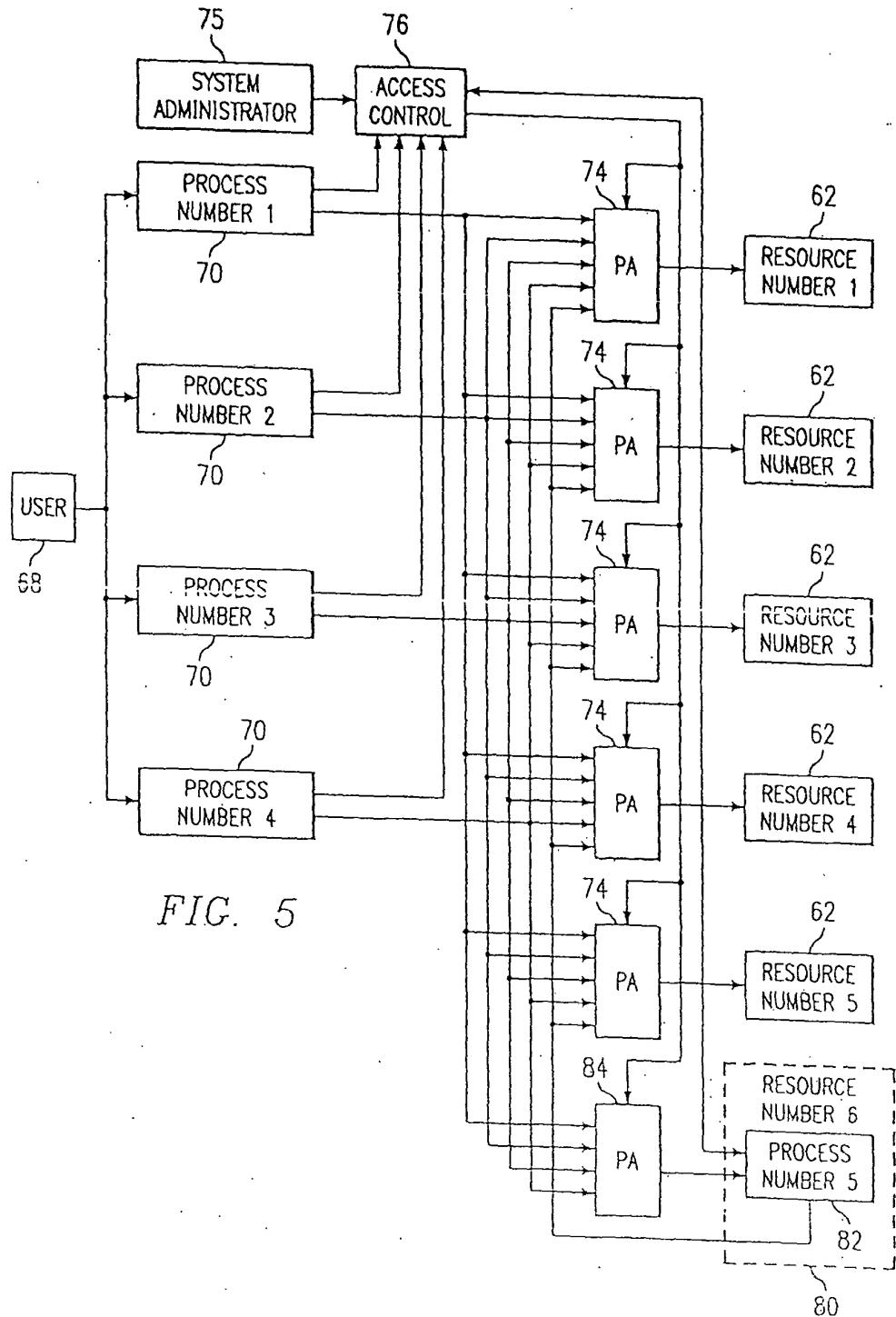


FIG. 4

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FIG. 6

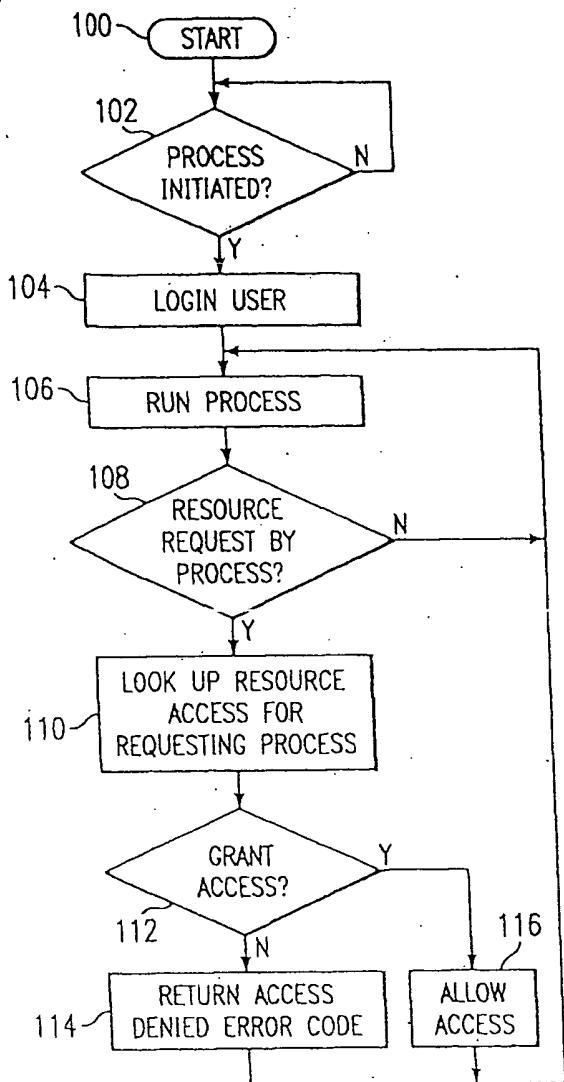
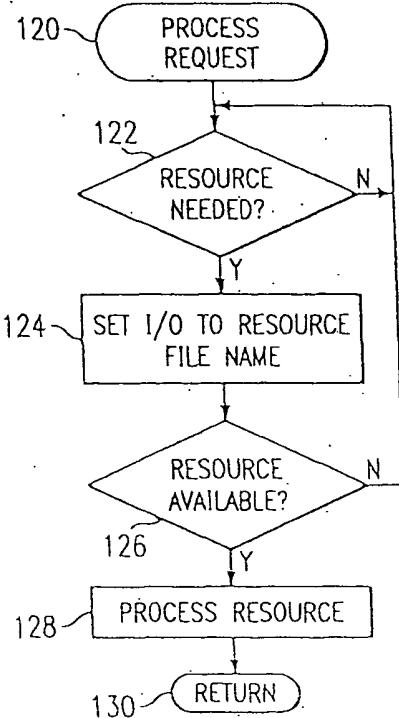


FIG. 7



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FIG. 8

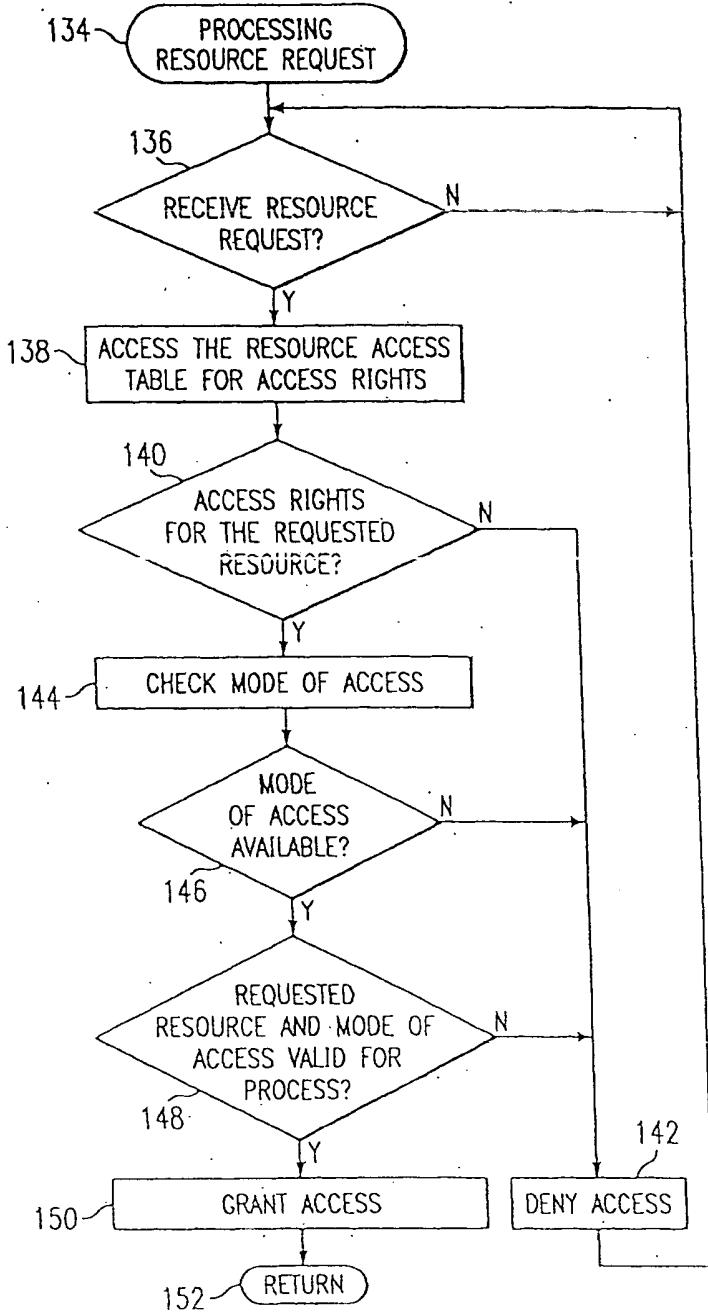
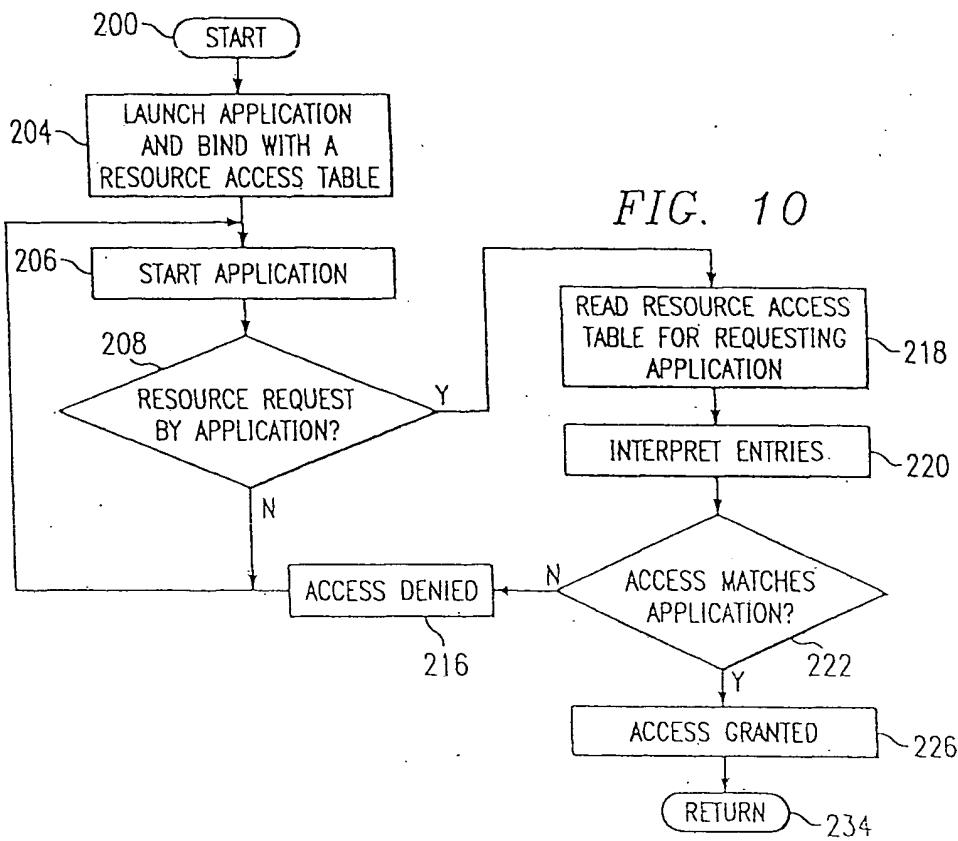
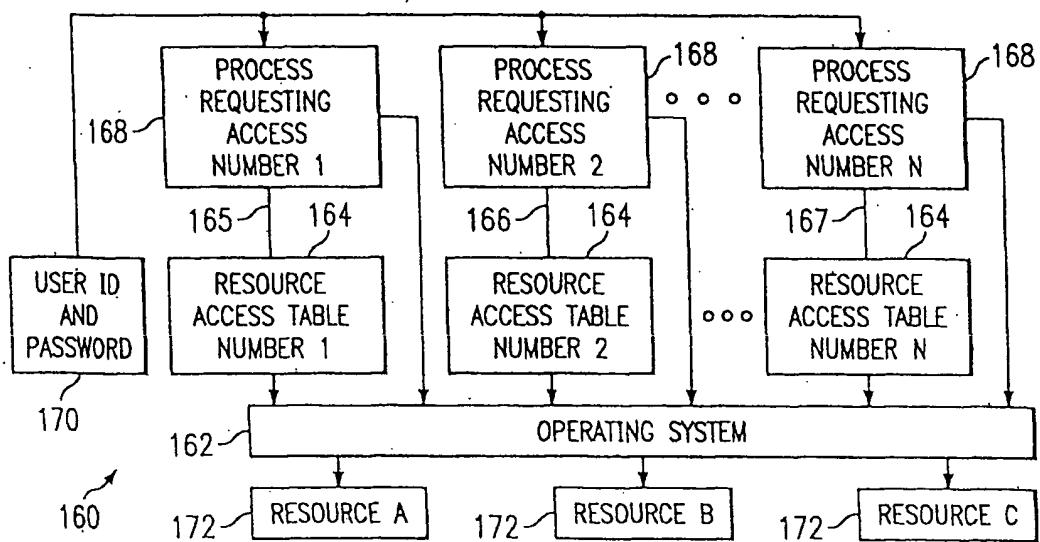


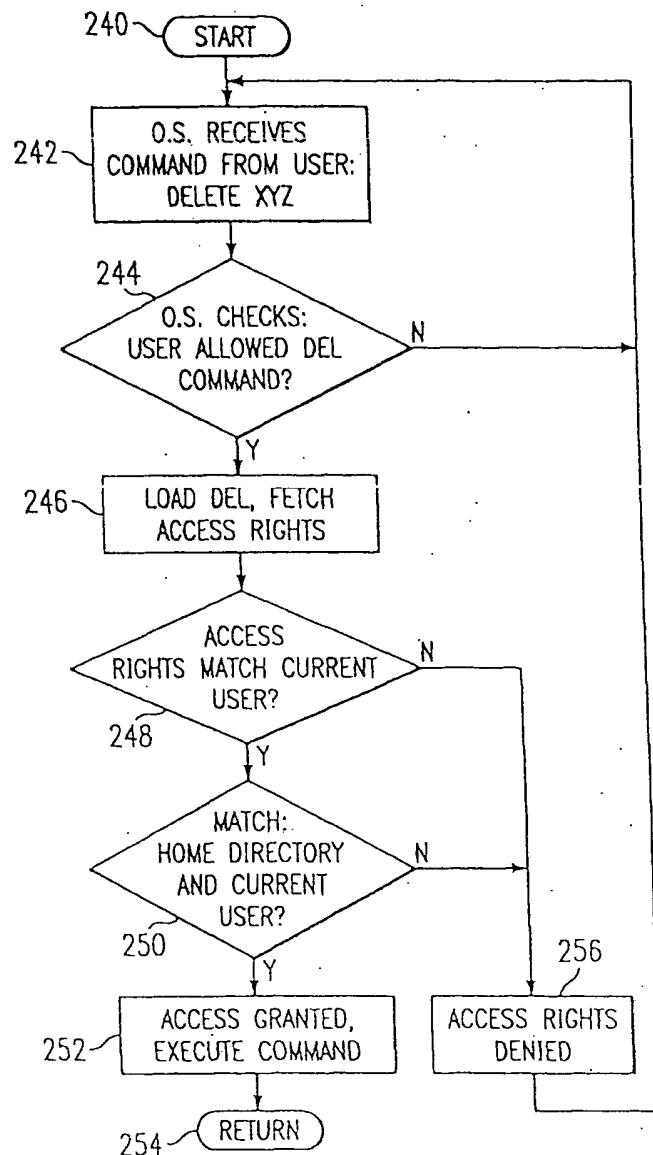
FIG. 9

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FIG. 11



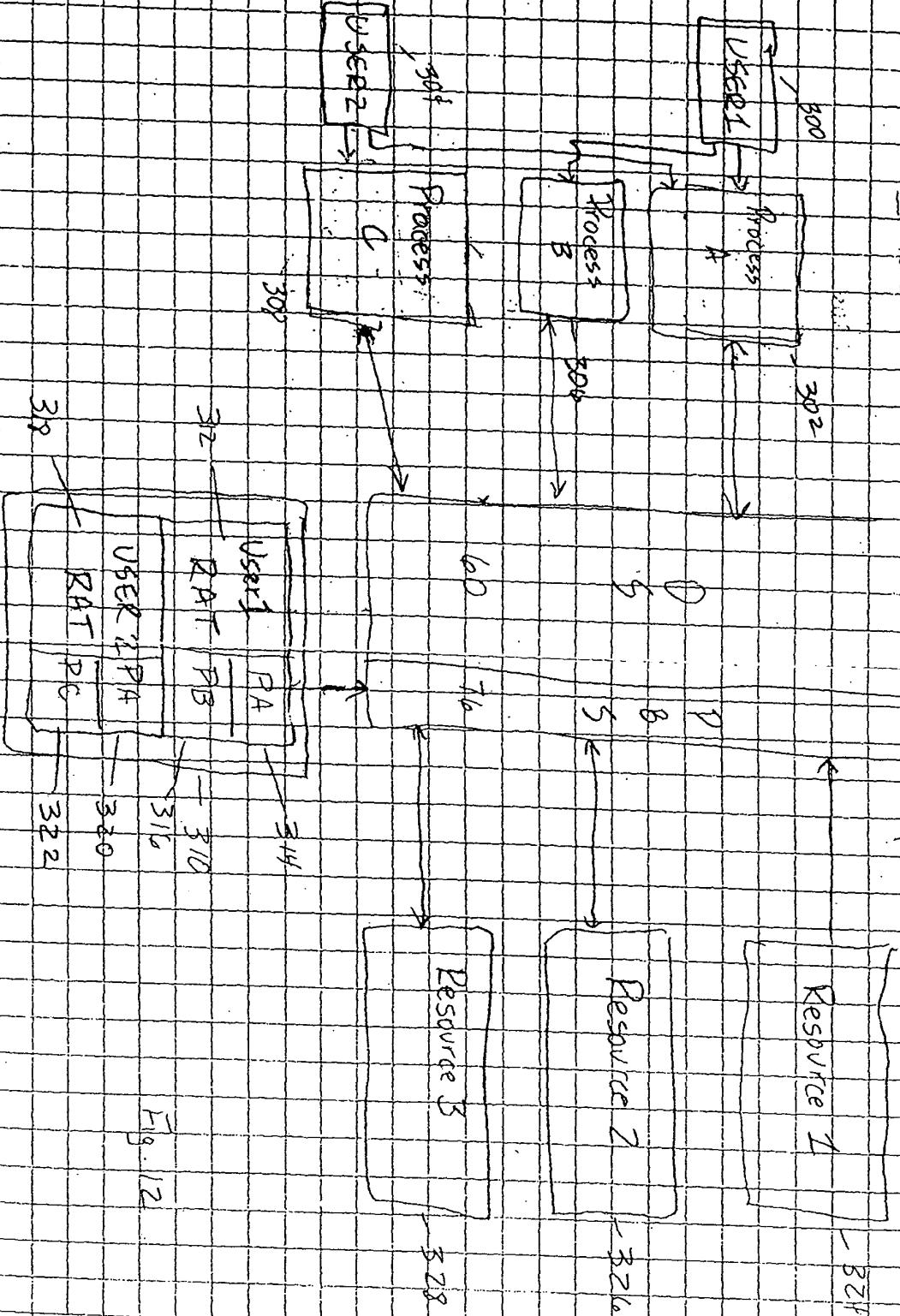


Fig. 12

Figure 13

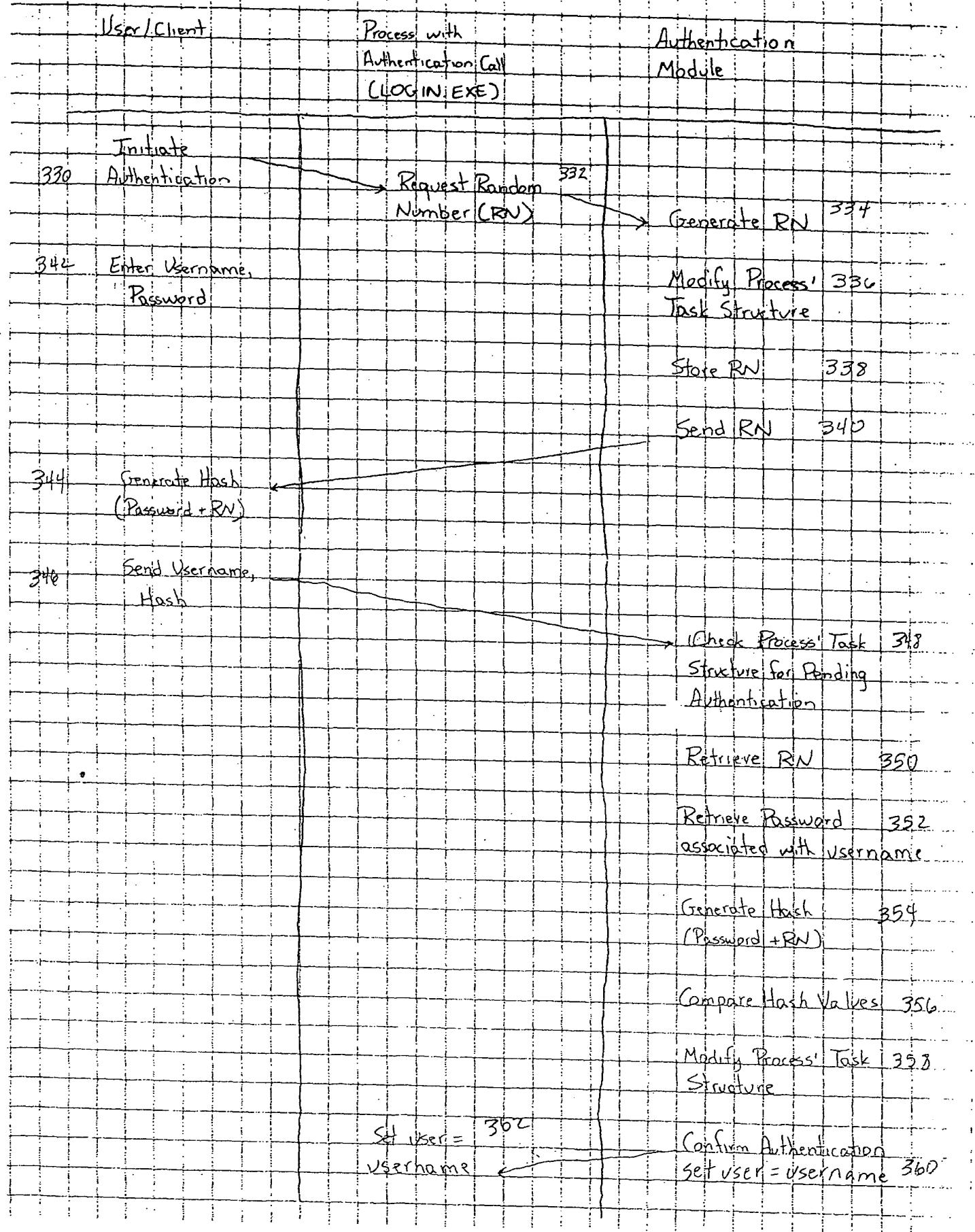


Figure 14

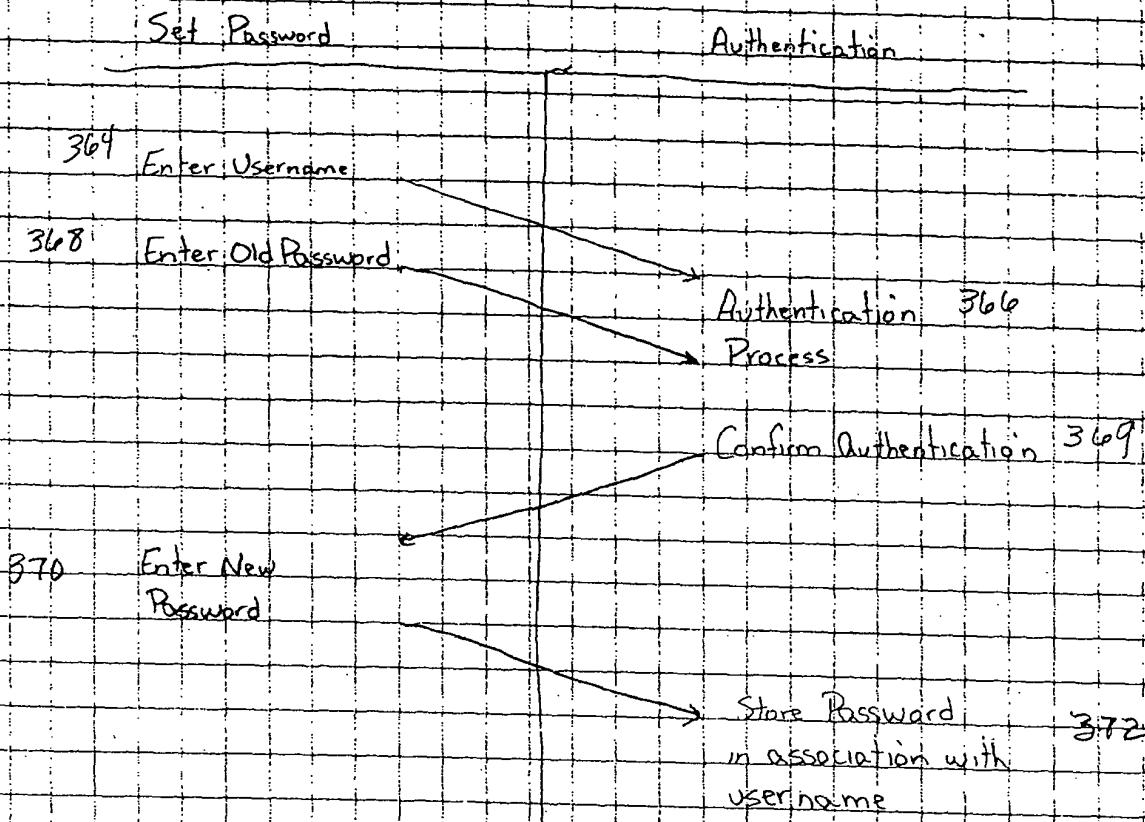


Fig. 15

Key Exchange

Client

Server

374 Request Key Exchange

375 Send Username

377 Enter Password (pw)

Modify Task Structure 376

Generate RN1 378

Send RN1 380

Retrieve Password (PW) 382

associated with username

Calculate hash 384
 $H(PW, RN1)$ 382 Calculate hash
 $H(PW, RN1)$ Key 1 = $H(PW, RN1)$ 382

Generate RN2 390

Send RN2 392

Calculate hash 394
 $H(PW, RN2)$ 391 Calculate hash
 $H(PW, RN2)$ Key 2 = $H(PW, RN2)$ 398

Modify Task Structure 402

400 Key 2 = $H(PW, RN2)$

Fig 11e

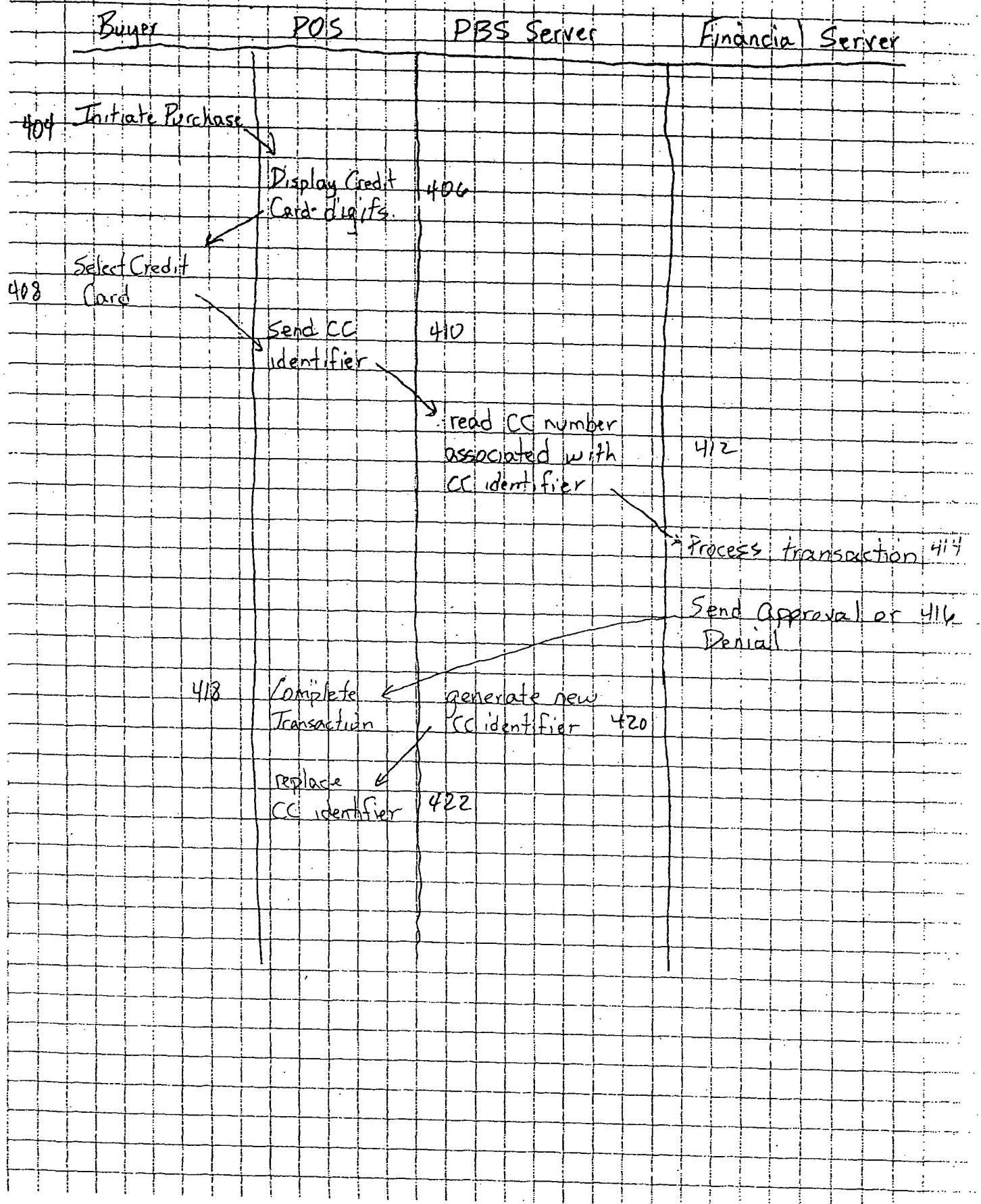
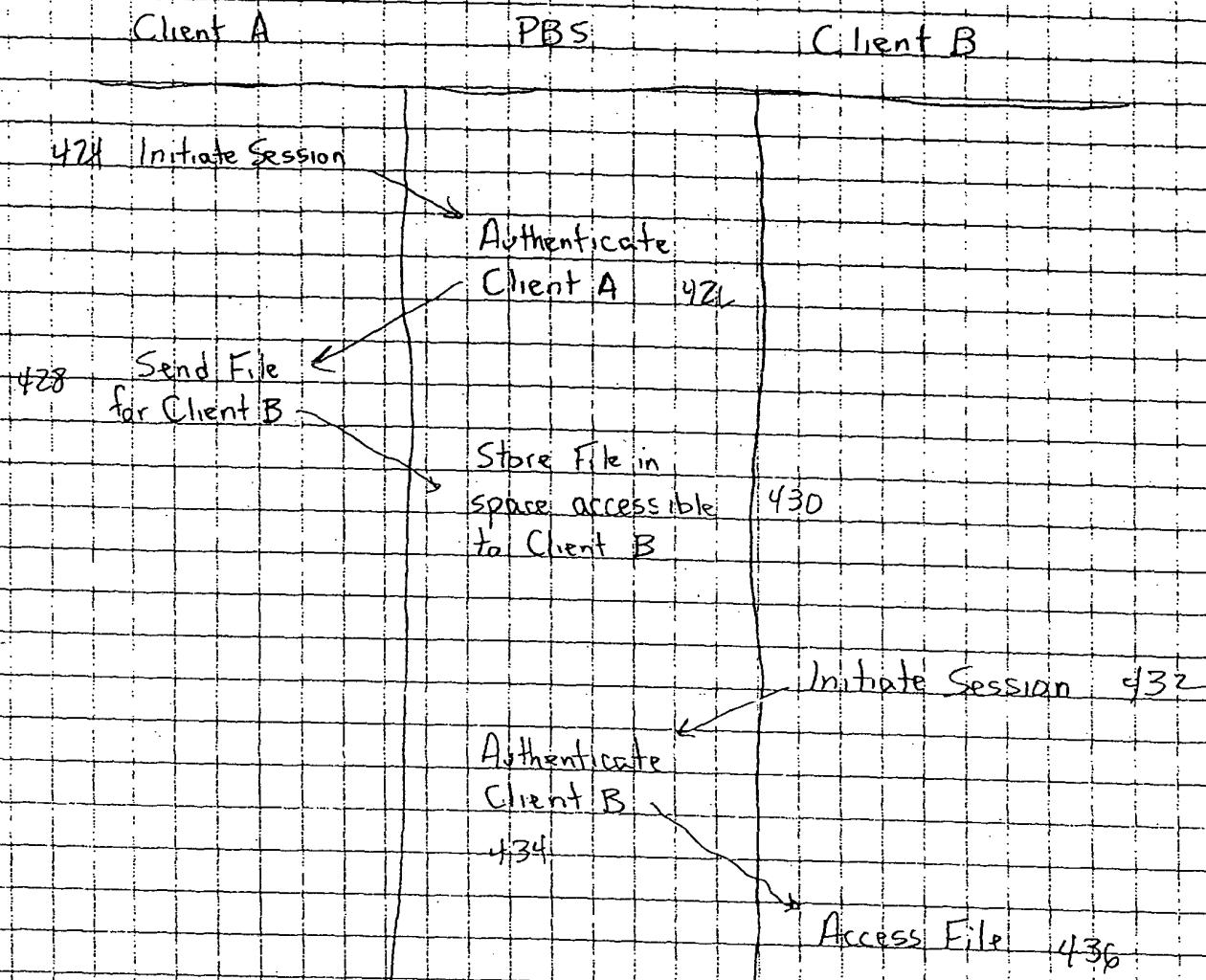


Fig 17



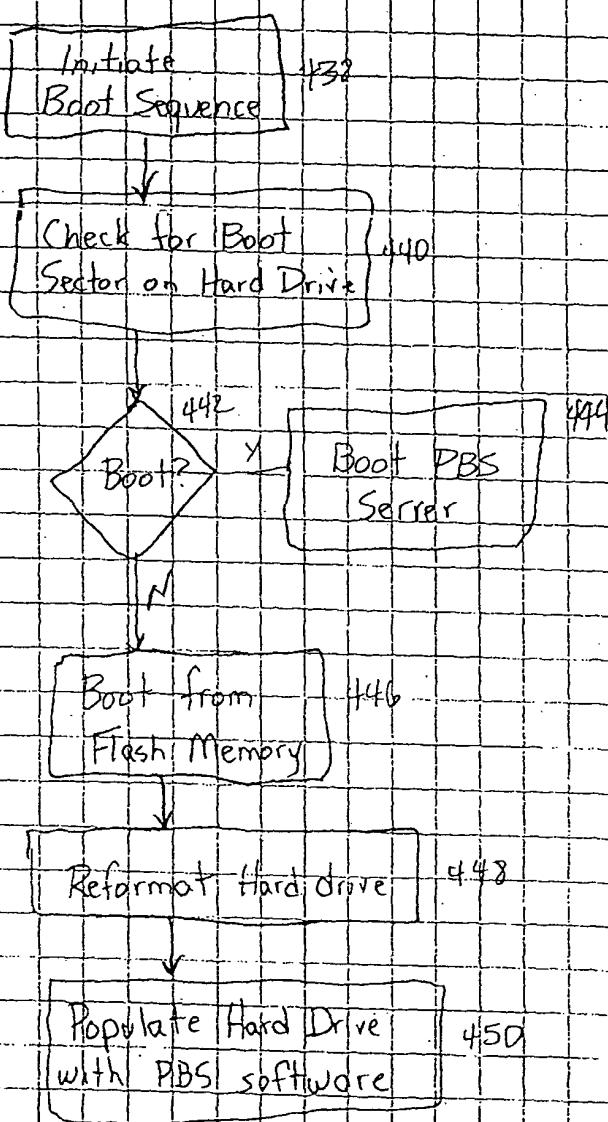


Fig 18

Analyze Code - 526

Identify Resource Calls - 528

Sort and Label resource calls - 530

Assign permissions for
each resource call - 532

=
Write table:
process / resource call / resource / permission - 534

N last
resource
call
? Y

compile table with
other process tables - 538

Save Compiled
Table in designated
memory Space - 540

Fig 20

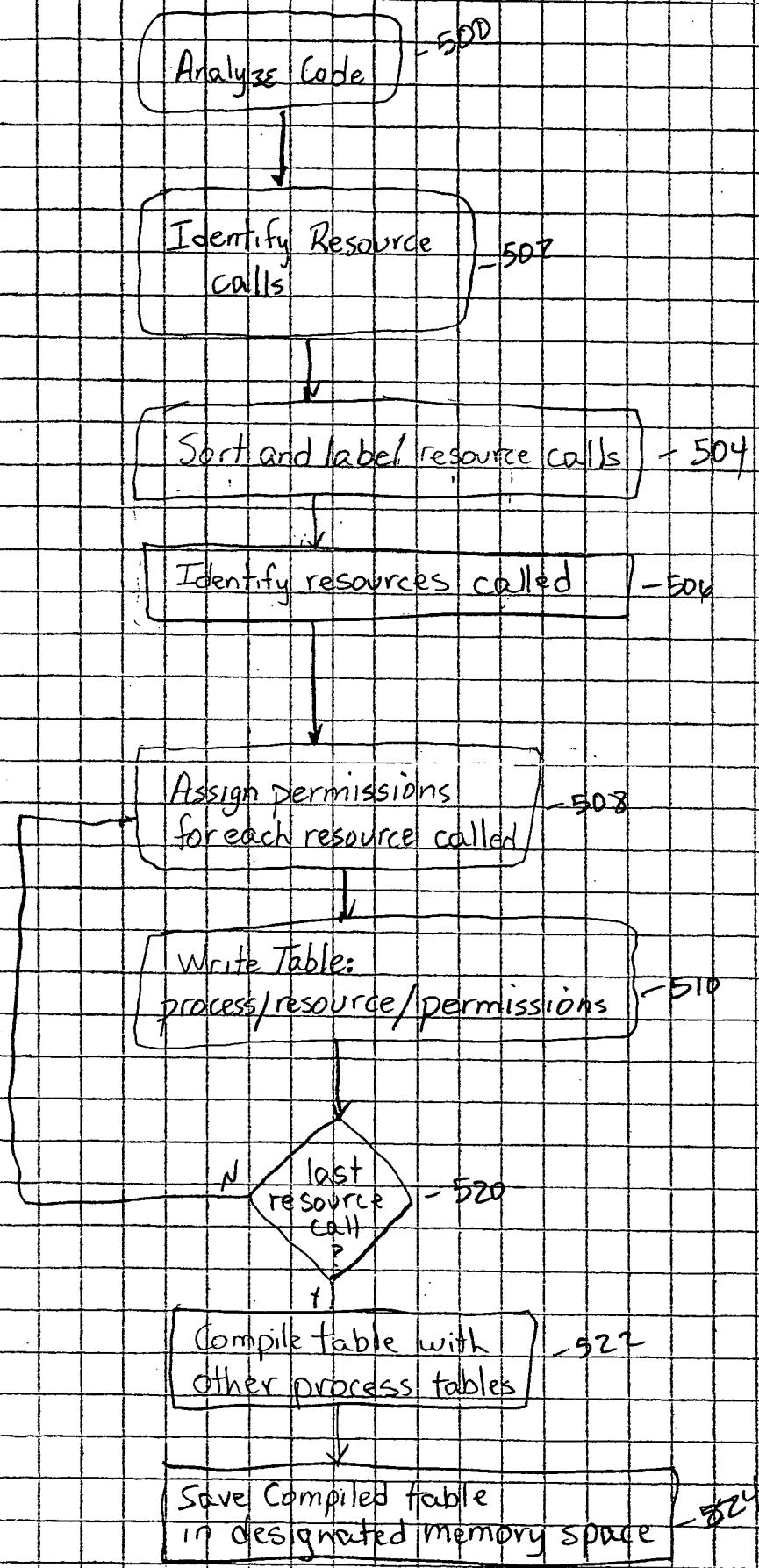


Fig 19